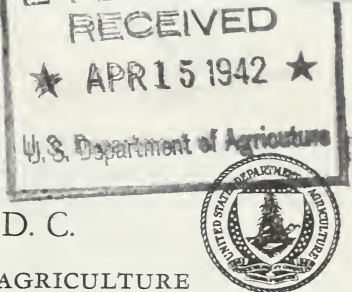


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The Conversion of the Weights of Mechanical Separations of Grain Into Percentages¹

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CONTENTS

Method of obtaining representative samples	Page
Directions for using the tables	1
Tables	2
	4-20

METHOD OF OBTAINING REPRESENTATIVE SAMPLES

The regulations for the enforcement of the United States Grain Standards Act prescribe a definite procedure for obtaining a representative sample upon which the grade of any particular lot or parcel of grain is to be based.

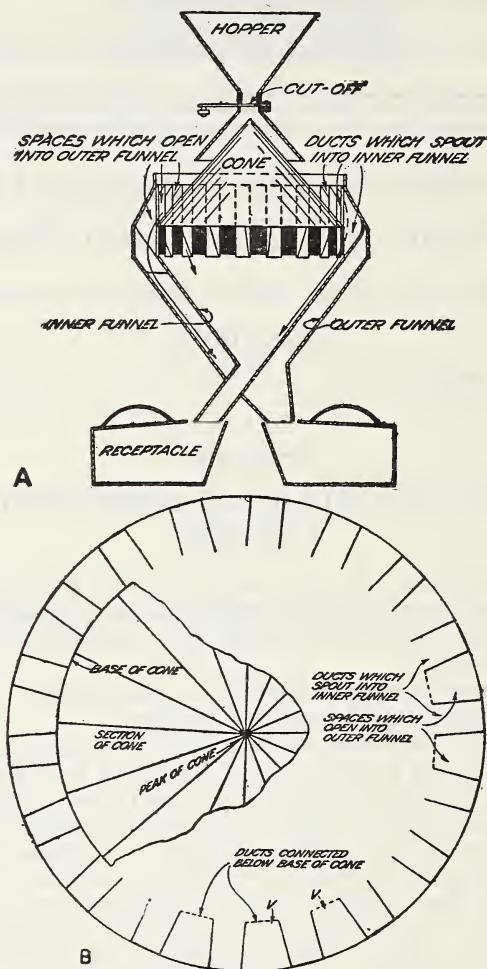
A representative sample of a carlot of grain taken in the approved manner is approximately 3 quarts in volume.

Portions of the representative sample are used in the actual inspection and grading of a lot of grain. The size of each portion depends upon the factor for which the portion is analyzed. Dockage is determined on a portion large enough to provide 1½ quarts of dockage-free grain. Moisture is determined on either a 100-gram portion or on approximately a pint of grain, depending upon the method that is used. Many of the analyses, such as the analyses for the factors "foreign material" and "damaged kernels," are determined upon the basis of weight. Various minimum weights of portions are recommended for such analyses. These minimum portions are based upon research which has shown the smallest weights of grain that can be used to provide a fair measure of the factors involved.

The representative portions that are used for the analyses are obtained from the original sample by means of a mechanical device popularly known as the Boerner divider which is illustrated in figure 1.

¹ This circular supersedes Department Bulletin No. 574 entitled "The Conversion of Weights of Mechanical Separations of Corn, Wheat, and Other Grains into Percentages" which was issued in 1917 as a joint contribution from the Bureau of Plant Industry and the Bureau of Markets. In July 1939 the work on grain standardization, inspection, and grading was transferred to the Agricultural Marketing Service.

After the mechanical separations and weighings have been made, calculations are involved in converting the weights into terms of percentages. The accompanying tables which contain the weights



AMS 2232

FIGURE 1.—Boerner divider: For use in dividing samples of grain into smaller representative portions. A, vertical cross section of device showing paths taken by the material in passing from the hopper to the container; B, cross section of the device at the base of the cone.

that are most commonly used enable the analyst to ascertain the percentages without making calculations.

DIRECTIONS FOR USING THE TABLES

Table 1 shows the percentage equivalents for separations weighing from 0.1 to 20 grams taken from samples weighing from 5 to 65 grams, inclusive.

Table 2 shows percentage equivalents for separations weighing from 0.1 to 40 grams taken from samples weighing from 240 to 260 grams, inclusive.

The solution of the following problem will illustrate the use of the tables:

Problem:—A sample of corn weighing 240 grams contains 8 grams of damaged corn. What is the percentage of damaged corn contained in the sample?

Referring to table 2 (p. 14), follow down the first column to the figure 8 (the weight of the separation of damaged corn in grams). The figure opposite (in the second column, with heading 240) is found to be 3.3, which is the correct percentage expressed in the nearest tenth of 1 percent.

The use of the table will save time in converting the separations of the whole sample analyzed into terms of percentages and its careful use will prevent errors which often occur in the calculations involved.

In this connection it is highly essential that extreme care should be taken to preserve accurately the character of the original sample when reducing the original 3 quarts taken from the bulk grain to the smaller portions of grain for analytical purposes. Experiments have shown that it is almost impossible to divide a large sample into smaller portions and at the same time retain the correct proportion of damage, foreign material, color, etc., in the smaller sample unless a Boerner divider illustrated in figure 1 and described in the Handbook of Official Grain Standards of the United States, published by the United States Department of Agriculture is used. This apparatus was devised to meet the demands of grain, rice, and laboratory workers, as well as seed dealers for obtaining a reliable grain, rice, or seed sample from a larger portion of the material to be examined, analyzed, or graded. Figure 1 shows a vertical and a cross section of the sample divider. This device has been covered by a public-service patent (No. 1,160,036), and anyone in the United States is free to make and use it without the payment of a royalty.

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given*

Weight of separation (grams)	Weight of sample analyzed (grams)																							
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
0.1-----	2.0	1.7	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4				
.2-----	4.0	3.3	2.9	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.9	.9	.8				
.3-----	6.0	5.0	4.3	3.8	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.3				
.4-----	8.0	6.7	5.7	5.0	4.4	4.0	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.7				
.5-----	10.0	8.3	7.1	6.3	5.6	5.0	4.5	4.2	3.8	3.6	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1				
.6-----	12.0	10.0	8.6	7.5	6.7	6.0	5.5	5.0	4.6	4.3	4.0	3.8	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.5				
.7-----	14.0	11.7	10.0	8.8	7.8	7.0	6.4	5.8	5.4	5.0	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.2	3.0	2.9				
.8-----	16.0	13.3	11.4	10.0	8.9	8.0	7.3	6.7	6.2	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.6	3.5	3.3				
.9-----	18.0	15.0	12.9	11.3	10.0	9.0	8.2	7.5	6.9	6.4	6.0	5.6	5.3	5.0	4.7	4.5	4.3	4.1	3.9	3.8				
1.0-----	20.0	16.7	14.3	12.5	11.1	10.0	9.1	8.3	7.7	7.1	6.7	6.3	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.2				
1.1-----	22.0	18.3	15.7	13.8	12.2	11.0	10.0	9.2	8.5	7.9	7.3	6.9	6.5	6.1	5.8	5.5	5.2	5.0	4.8	4.6				
1.2-----	24.0	20.0	17.1	15.0	13.3	12.0	10.9	10.0	9.2	8.6	8.0	7.5	7.1	6.7	6.3	6.0	5.7	5.5	5.2	5.0				
1.3-----	26.0	21.7	18.6	16.3	14.4	13.0	11.8	10.8	10.0	9.3	8.7	8.1	7.6	7.2	6.8	6.5	6.2	5.9	5.7	5.4				
1.4-----	28.0	23.3	20.0	17.5	15.6	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0	6.7	6.4	6.1	5.8				
1.5-----	30.0	25.0	21.4	18.8	16.7	15.0	13.6	12.5	11.5	10.7	10.0	9.4	8.8	8.3	7.9	7.5	7.1	6.8	6.5	6.2				
1.6-----	32.0	26.7	22.9	20.0	17.8	16.0	14.5	13.3	2.3	11.4	10.7	10.0	9.4	8.9	8.4	8.0	7.6	7.3	7.0	6.7				
1.7-----	34.0	28.3	24.3	21.3	18.9	17.0	15.5	14.2	13.1	12.1	11.3	10.6	10.0	9.4	8.9	8.5	8.1	7.7	7.4	7.1				
1.8-----	36.0	30.0	25.7	22.5	20.0	18.0	16.4	15.0	13.8	12.9	12.0	11.3	10.6	10.0	9.5	9.0	8.6	8.2	7.8	7.5				
1.9-----	38.0	31.7	27.1	23.8	21.1	19.0	17.3	15.8	14.6	13.6	12.7	11.9	11.2	10.6	10.0	9.5	9.0	8.6	8.3	7.9				
2.0-----	40.0	33.3	28.6	25.0	22.2	20.0	18.2	16.7	15.4	14.3	13.3	12.5	11.8	11.1	10.5	10.0	9.5	9.1	8.7	8.3				
2.1-----	42.0	35.0	30.0	26.3	23.3	21.0	19.1	17.5	16.2	15.0	14.0	13.1	12.4	11.7	11.1	10.5	10.0	9.5	9.1	8.8				
2.2-----	44.0	36.7	31.4	27.5	24.4	22.0	20.0	18.3	16.9	15.7	14.7	13.8	12.9	12.2	11.6	11.0	10.5	10.0	9.6	9.2				
2.3-----	46.0	38.3	32.9	28.8	25.6	23.0	20.9	19.2	17.7	16.4	15.3	14.4	13.5	12.8	12.1	11.5	11.0	10.5	10.0	9.6				
2.4-----	48.0	40.0	34.3	30.0	26.7	24.0	21.8	20.0	18.5	17.1	16.0	15.0	14.1	13.3	12.6	12.0	11.4	10.9	10.4	10.0				
2.5-----	50.0	41.7	35.7	31.3	27.8	25.0	22.7	20.8	19.2	17.9	16.7	15.6	14.7	13.9	13.2	12.5	11.9	11.4	10.9	10.4				
2.6-----	52.0	43.3	37.1	32.5	28.9	26.0	23.6	21.7	20.0	18.6	17.3	16.3	15.3	14.4	13.7	13.0	12.4	11.8	11.3	10.8				
2.7-----	54.0	45.0	38.6	33.8	30.0	27.0	24.5	22.5	20.8	19.3	18.0	16.9	15.9	15.0	14.2	13.5	12.9	12.3	11.7	11.3				
2.8-----	56.0	46.7	40.0	35.0	31.1	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0	13.3	12.7	12.2	11.7				
2.9-----	58.0	48.3	41.4	36.3	32.2	29.0	26.4	24.2	22.3	20.7	19.3	18.1	17.1	16.1	15.3	14.5	13.8	13.2	12.6	12.1				
3.0-----	60.0	50.0	42.9	37.5	33.3	30.0	27.3	25.0	23.1	21.4	20.0	18.8	17.6	16.7	15.8	15.0	14.3	13.6	13.0	12.5				
3.1-----	62.0	51.7	44.3	38.8	34.4	31.0	28.2	25.8	23.8	22.1	20.7	19.4	18.2	17.2	16.3	15.5	14.8	14.1	13.5	12.9				
3.2-----	64.0	53.3	45.7	40.0	35.6	32.0	29.1	26.7	24.6	22.9	21.3	20.0	18.8	17.8	16.8	16.0	15.2	14.5	13.9	13.3				
3.3-----	66.0	55.0	47.1	41.3	36.7	33.0	30.0	27.5	25.4	23.6	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3	13.8				
3.4-----	68.0	56.7	48.6	42.5	37.8	34.0	30.9	28.3	26.2	24.3	22.7	21.3	20.0	18.9	17.9	17.0	16.2	15.5	14.8	14.2				
3.5-----	70.0	58.3	50.0	43.8	38.9	35.0	31.8	29.2	26.9	25.0	23.3	21.9	20.6	19.4	18.4	17.5	16.7	15.9	15.2	14.6				
3.6-----	72.0	60.0	51.4	45.0	40.0	36.0	32.7	30.0	27.7	25.7	24.0	22.5	21.2	20.0	18.9	18.0	17.1	16.4	15.7	15.0				
3.7-----	74.0	61.7	52.9	46.3	41.1	37.0	33.6	30.8	28.5	26.4	24.7	23.1	21.8	20.6	19.5	18.5	17.6	16.8	16.1	15.4				
3.8-----	76.0	63.3	54.3	47.5	42.2	38.0	34.5	31.7	29.2	27.1	25.3	23.8	22.4	21.1	20.0	19.0	18.1	17.3	16.5	15.8				
3.9-----	78.0	65.0	55.7	48.8	43.3	39.0	35.5	32.5	30.0	27.9	26.0	24.4	22.9	21.7	20.5	19.5	18.6	17.7	17.0	16.3				
4.0-----	80.0	66.7	57.1	50.0	44.4	40.0	36.4	33.3	30.8	28.6	26.7	25.0	23.5	22.2	21.1	20.0	19.0	18.2	17.4	16.7				
4.1-----	82.0	68.3	58.6	51.3	45.6	41.0	37.3	34.2	31.5	29.3	27.3	25.6	24.1	22.8	21.6	20.5	19.5	18.6	17.8	17.1				
4.2-----	84.0	70.0	60.0	52.5	46.7	42.0	38.2	35.0	32.3	30.0	28.0	26.3	24.7	23.3	22.1	21.0	20.0	19.1	18.3	17.5				
4.3-----	86.0	71.7	61.4	53.8	47.8	43.0	39.1	35.8	33.1	30.7	28.7	26.9	25.3	23.9	22.6	21.5	20.5	19.5	18.7	17.9				
4.4-----	88.0	73.3	62.9	55.0	48.9	44.0	40.0	36.7	33.8	31.4	29.3	27.5	25.9	24.4	23.2	22.0	21.0	20.0	19.1	18.3				
4.5-----	90.0	75.0	64.3	56.3	50.0	45.0	40.9	37.5	34.6	32.1	30.0	28.1	26.5	25.0	23.7	22.5	21.4	20.5	19.6	18.8				
4.6-----	92.0	76.7	65.7	57.5	51.1	46.0	41.8	38.3	35.4	32.9	30.7	28.8	27.1	25.6	24.2	23.0	21.9	20.9	20.0	19.2				
4.7-----	94.0	78.3	67.1	58.8	52.2	47.0	42.7	39.2	36.2	33.6	31.3	29.4	27.6	26.1	24.7	23.5	22.4	21.4	20.4	19.6				
4.8-----	96.0	80.0	68.6	60.0	53.3	48.0	43.6	40.0	36.9	34.3	32.0	30.0	28.2	26.7	25.3	24.0	22.9	21.8	20.9	20.0				
4.9-----	98.0	81.7	70.0	61.3	54.4	49.0	44.5	40.8	37.7	35.0	32.7	30.6	28.8	27.2	25.8	24.5	23.3	22.3	21.3	20.4				
5.0-----	100.0	83.3	71.4	62.5	55.6	50.0	45.5	41.7	38.5	35.7	33.3	31.3	29.4	27.8	26.3	25.0	23.8	22.7	21.7	20.8				

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																			
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
0.1	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
0.2	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.4
0.3	1.2	1.1	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7
0.4	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	.9	.9	.9
0.5	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
0.6	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4
0.7	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6
0.8	3.2	3.1	3.0	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8
0.9	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0
1.0	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3
1.1	4.4	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.5
1.2	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.8	2.7
1.3	5.2	5.0	4.8	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9
1.4	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2
1.5	6.0	5.8	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.4
1.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
1.7	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.9
1.8	7.2	6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.3	4.2	4.1
1.9	7.6	7.3	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.3
2.0	8.0	7.7	7.4	7.1	6.9	6.7	6.4	6.2	6.1	5.9	5.7	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.6	4.5
2.1	8.4	8.1	7.8	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	4.9	4.8
2.2	8.8	8.5	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.0
2.3	9.2	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.5	5.3	5.2
2.4	9.6	9.2	8.9	8.6	8.3	8.0	7.7	7.5	7.3	7.0	6.8	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.6	5.4
2.5	10.0	9.6	9.2	8.9	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.8	5.7
2.6	10.4	10.0	9.6	9.3	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.3	6.2	6.0	5.9
2.7	10.8	10.4	10.0	9.6	9.3	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.3	6.1
2.8	11.2	10.8	10.4	10.0	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.4
2.9	11.6	11.1	10.7	10.3	10.0	9.7	9.3	9.1	8.8	8.5	8.3	8.0	7.8	7.6	7.4	7.2	7.1	6.9	6.7	6.6
3.0	12.0	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	7.1	7.0	6.8
3.1	12.4	11.9	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.1	8.8	8.6	8.4	8.1	7.9	7.7	7.6	7.4	7.2	7.0
3.2	12.8	12.3	11.8	11.4	11.0	10.7	10.3	10.0	9.7	9.4	9.1	8.9	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.3
3.3	13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.2	8.0	7.8	7.7	7.5
3.4	13.6	13.1	12.6	12.1	11.7	11.3	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.3	8.1	7.9	7.7
3.5	14.0	13.5	13.0	12.5	12.1	11.7	11.3	10.9	10.6	10.3	10.0	9.7	9.4	9.2	9.0	8.7	8.5	8.3	8.1	7.9
3.6	14.4	13.8	13.3	12.8	12.4	12.0	11.6	11.2	10.9	10.6	10.3	10.0	9.7	9.5	9.2	9.0	8.8	8.6	8.4	8.2
3.7	14.8	14.2	13.7	13.2	12.7	12.3	11.9	11.6	11.2	10.9	10.6	10.3	10.0	9.7	9.5	9.2	9.0	8.8	8.6	8.4
3.8	15.2	14.6	14.1	13.6	13.1	12.7	12.2	11.9	11.5	11.2	10.8	10.5	10.3	10.0	9.7	9.5	9.3	9.0	8.8	8.6
3.9	15.6	15.0	14.4	13.9	13.4	13.0	12.6	12.2	11.8	11.5	11.1	10.8	10.5	10.3	10.0	9.7	9.5	9.3	9.1	8.9
4.0	16.0	15.4	14.8	14.3	13.8	13.3	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.5	10.2	10.0	9.7	9.5	9.3	9.1
4.1	16.4	15.8	15.2	14.6	14.1	13.7	13.2	12.8	12.4	12.0	11.7	11.4	11.1	10.8	10.5	10.2	10.0	9.8	9.5	9.3
4.2	16.8	16.1	15.5	15.0	14.5	14.0	13.5	13.1	12.7	12.3	12.0	11.7	11.3	11.0	10.8	10.5	10.2	10.0	9.8	9.5
4.3	17.2	16.5	15.9	15.3	14.8	14.3	13.9	13.4	13.0	12.6	12.3	11.9	11.6	11.3	11.0	10.7	10.5	10.2	10.0	9.8
4.4	17.6	16.9	16.3	15.7	15.2	14.7	14.3	13.7	13.3	12.9	12.6	12.2	11.9	11.6	11.3	11.0	10.7	10.5	10.2	10.0
4.5	18.0	17.3	16.7	16.1	15.5	15.0	14.5	14.1	13.6	13.2	12.8	12.5	12.2	11.8	11.5	11.2	11.0	10.7	10.5	10.2
4.6	18.4	17.7	17.0	16.4	15.9	15.3	14.8	14.4	13.9	13.5	13.1	12.8	12.4	12.1	11.8	11.5	11.2	10.9	10.7	10.4
4.7	18.8	18.1	17.4	16.8	16.2	15.7	15.2	14.7	14.2	13.8	13.4	13.0	12.7	12.4	12.0	11.7	11.5	11.2	10.9	10.7
4.8	19.2	18.5	17.8	17.1	16.5	16.0	15.5	15.0	14.5	14.1	13.7	13.3	13.0	12.6	12.3	12.0	11.7	11.4	11.2	10.9
4.9	19.6	18.8	18.1	17.5	16.9	16.3	15.8	15.3	14.8	14.4	14.0	13.6	13.2	12.9	12.6	12.2	11.9	11.7	11.4	11.1
5.0	20.0	19.2	18.5	17.8	17.2	16.7	16.1	15.6	15.1	14.7	14.3	13.9	13.5	13.1	12.8	12.5	12.2	11.9	11.6	11.4

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
.2	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
.3	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
.4	.9	.9	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6
.5	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8
.6	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9
.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
.9	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
1.0	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5
1.1	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
1.2	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8
1.3	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0
1.4	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1
1.5	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3
1.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5
1.7	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6
1.8	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.8
1.9	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9
2.0	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1
2.1	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
2.2	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4
2.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5
2.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.7
2.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.8
2.6	5.8	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.0
2.7	6.0	5.9	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.3	4.3	4.2	4.1
2.8	6.2	6.1	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.4	4.3
2.9	6.4	6.3	6.2	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.5
3.0	6.7	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.7	4.6
3.1	6.9	6.7	6.6	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.2	5.1	5.0	4.9	4.8	4.8
3.2	7.1	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.2	5.1	5.0	4.9
3.3	7.3	7.2	7.0	6.9	6.7	6.6	6.5	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.1
3.4	7.5	7.4	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
3.5	7.8	7.6	7.4	7.3	7.1	7.0	6.9	6.7	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.5	5.4
3.6	8.0	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5
3.7	8.2	8.0	7.9	7.7	7.5	7.4	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7
3.8	8.4	8.3	8.1	7.9	7.7	7.6	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
3.9	8.7	8.5	8.3	8.1	7.9	7.8	7.6	7.5	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0
4.0	8.9	8.7	8.5	8.3	8.2	8.0	7.8	7.7	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1
4.1	9.1	8.9	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.6	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.5	6.4	6.3
4.2	9.3	9.1	8.9	8.7	8.6	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5
4.3	9.5	9.3	9.1	8.9	8.8	8.6	8.4	8.3	8.1	8.0	7.8	7.7	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.6
4.4	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.7	7.6	7.4	7.3	7.2	7.1	7.0	6.9	6.8
4.5	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9
4.6	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.7	7.5	7.4	7.3	7.2	7.1
4.7	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.9	8.7	8.5	8.4	8.2	8.1	8.0	7.8	7.7	7.6	7.5	7.3	7.2
4.8	10.7	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.9	8.7	8.6	8.4	8.3	8.1	8.0	7.9	7.7	7.6	7.5	7.4
4.9	10.9	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.1	8.9	8.7	8.6	8.4	8.3	8.2	8.0	7.9	7.8	7.6	7.5
5.0	11.1	10.9	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.1	8.9	8.8	8.6	8.5	8.3	8.2	8.1	7.9	7.8	7.7

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																							
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44				
5.1.....	20.4	19.6	18.9	18.2	17.6	17.0	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.4	13.1	12.7	12.4	12.1	11.9	11.6				
5.2.....	20.8	20.0	19.2	18.6	17.9	17.3	16.8	16.2	15.7	15.3	14.8	14.4	14.0	13.7	13.3	13.0	12.7	12.4	12.1	11.8				
5.3.....	21.2	20.4	19.6	18.9	18.3	17.7	17.1	16.6	16.1	15.6	15.1	14.7	14.3	13.9	13.6	13.2	12.9	12.6	12.3	12.0				
5.4.....	21.6	20.8	20.0	19.3	18.6	18.0	17.4	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.5	13.2	12.8	12.5	12.3				
5.5.....	22.0	21.1	20.4	19.6	19.0	18.3	17.7	17.2	16.7	16.2	15.7	15.3	14.9	14.5	14.1	13.7	13.4	13.1	12.8	12.5				
5.6.....	22.4	21.5	20.7	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.5	15.1	14.7	14.3	14.0	13.6	13.3	13.0	12.7				
5.7.....	22.8	21.9	21.1	20.3	19.6	19.0	18.4	17.8	17.3	16.8	16.3	15.8	15.4	15.0	14.6	14.2	13.9	13.6	13.2	12.9				
5.8.....	23.2	22.3	21.5	20.7	20.0	19.4	18.7	18.1	17.6	17.0	16.6	16.1	15.7	15.3	14.9	14.5	14.1	13.8	13.5	13.2				
5.9.....	23.6	22.7	21.8	21.1	20.3	19.7	19.0	18.4	17.9	17.3	16.8	16.4	15.9	15.5	15.1	14.7	14.4	14.0	13.7	13.4				
6.0.....	24.0	23.1	22.2	21.4	20.7	20.0	19.3	18.7	18.2	17.6	17.1	16.7	16.2	15.8	15.4	15.0	14.6	14.3	13.9	13.6				
6.1.....	24.4	23.5	22.6	21.8	21.0	20.3	19.7	19.1	18.5	17.9	17.4	16.9	16.5	16.0	15.6	15.2	14.9	14.5	14.2	13.9				
6.2.....	24.8	23.8	22.9	22.1	21.4	20.7	20.0	19.4	18.8	18.2	17.7	17.2	16.7	16.3	15.9	15.5	15.1	14.8	14.4	14.1				
6.3.....	25.2	24.2	23.3	22.5	21.7	21.0	20.3	19.7	19.1	18.5	18.0	17.5	17.0	16.6	16.1	15.7	15.4	15.0	14.6	14.3				
6.4.....	25.6	24.6	23.7	22.8	22.1	21.3	20.6	20.0	19.4	18.8	18.3	17.8	17.3	16.8	16.4	16.0	15.6	15.2	14.9	14.5				
6.5.....	26.0	25.0	24.1	23.2	22.4	21.7	21.0	20.3	19.7	19.1	18.6	18.0	17.6	17.1	16.7	16.2	15.8	15.5	15.1	14.8				
6.6.....	26.4	25.4	24.4	23.6	22.7	22.0	21.3	20.6	20.0	19.4	18.8	18.3	17.8	17.4	16.9	16.5	16.1	15.7	15.3	15.0				
6.7.....	26.8	25.8	24.8	23.9	23.1	22.3	21.6	20.9	20.3	19.7	19.1	18.6	18.1	17.6	17.2	16.7	16.3	15.9	15.6	15.2				
6.8.....	27.2	26.1	25.2	24.3	23.4	22.7	21.9	21.2	20.6	20.0	19.4	18.9	18.4	17.9	17.4	17.0	16.6	16.2	15.8	15.4				
6.9.....	27.6	26.5	25.5	24.6	23.8	23.0	22.2	21.6	20.9	20.3	19.7	19.2	18.6	18.1	17.7	17.2	16.8	16.4	16.0	15.7				
7.0.....	28.0	26.9	25.9	25.0	24.1	23.3	22.6	21.9	21.2	20.6	20.0	19.4	18.9	18.4	17.9	17.5	17.1	16.7	16.3	15.9				
7.1.....	28.4	27.3	26.3	25.3	24.5	23.7	22.9	22.2	21.5	20.9	20.3	19.7	19.2	18.7	18.2	17.7	17.3	16.9	16.5	16.1				
7.2.....	28.8	27.7	26.7	25.7	24.8	24.0	23.2	22.5	21.8	21.2	20.6	20.0	19.4	18.9	18.5	18.0	17.6	17.1	16.7	16.4				
7.3.....	29.2	28.1	27.0	26.1	25.2	24.3	23.5	22.8	22.1	21.5	20.8	20.3	19.7	19.2	18.7	18.2	17.8	17.4	17.0	16.6				
7.4.....	29.6	28.5	27.4	26.4	25.5	24.7	23.9	23.1	22.4	21.8	21.1	20.5	20.0	19.5	19.0	18.5	18.0	17.6	17.2	16.8				
7.5.....	30.0	28.8	27.8	26.8	25.9	25.0	24.2	23.4	22.7	22.0	21.4	20.8	20.3	19.7	19.2	18.7	18.3	17.8	17.4	17.0				
7.6.....	30.4	29.2	28.1	27.1	26.2	25.3	24.5	23.7	23.0	22.3	21.7	21.1	20.5	20.0	19.5	19.0	18.5	18.1	17.7	17.3				
7.7.....	30.8	29.6	28.5	27.5	26.5	25.7	24.8	24.1	23.3	22.6	22.0	21.4	20.8	20.3	19.7	19.2	18.8	18.3	17.9	17.5				
7.8.....	31.2	30.0	28.9	27.8	26.9	26.0	25.2	24.4	23.6	22.9	22.3	21.7	21.1	20.5	20.0	19.5	19.0	18.6	18.1	17.7				
7.9.....	31.6	30.4	29.2	28.2	27.2	26.3	25.5	24.7	23.9	23.2	22.6	21.9	21.3	20.8	20.2	19.7	19.3	18.8	18.4	17.9				
8.0.....	32.0	30.8	29.6	28.6	27.6	26.7	25.8	25.0	24.2	23.5	22.8	22.2	21.6	21.0	20.5	20.0	19.5	19.0	18.6	18.2				
8.1.....	32.4	31.1	30.0	28.9	27.9	27.0	26.1	25.3	24.5	23.8	23.1	22.5	21.9	21.3	20.8	20.2	19.7	19.3	18.8	18.4				
8.2.....	32.8	31.5	30.4	29.3	28.3	27.3	26.4	25.6	24.8	24.1	23.4	22.8	22.2	21.6	21.0	20.5	20.0	19.5	19.1	18.6				
8.3.....	33.2	31.9	30.7	29.6	28.6	27.7	26.8	25.9	25.1	24.4	23.7	23.0	22.4	21.8	21.3	20.7	20.2	19.8	19.3	18.9				
8.4.....	33.6	32.3	31.1	30.0	29.0	28.0	27.1	26.2	25.4	24.7	24.0	23.3	22.7	22.1	21.5	21.0	20.5	20.0	19.5	19.1				
8.5.....	34.0	32.7	31.5	30.3	29.3	28.3	27.4	26.6	25.7	25.0	24.3	23.6	23.0	22.4	21.8	21.2	20.7	20.2	19.8	19.3				
8.6.....	34.4	33.1	31.8	30.7	29.6	28.7	27.7	26.9	26.1	25.3	24.6	23.9	23.2	22.6	22.0	21.5	21.0	20.5	20.0	19.5				
8.7.....	34.8	33.5	32.2	31.1	30.0	29.0	28.1	27.2	26.4	25.6	24.8	24.2	23.5	22.9	22.3	21.7	21.2	20.7	20.2	19.8				
8.8.....	35.2	33.8	32.6	31.4	30.3	29.3	28.4	27.5	26.7	25.9	25.1	24.4	23.8	23.1	22.6	22.0	21.5	20.9	20.5	20.0				
8.9.....	35.6	34.2	33.0	31.8	30.7	29.7	28.7	27.8	27.0	26.2	25.4	24.7	24.0	23.4	22.8	22.2	21.7	21.2	20.7	20.2				
9.0.....	36.0	34.6	33.3	32.1	31.0	30.0	29.0	28.1	27.3	26.5	25.7	25.0	24.3	23.7	23.1	22.5	21.9	21.4	20.9	20.4				
9.1.....	36.4	35.0	33.7	32.5	31.4	30.3	29.3	28.4	27.6	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.2	21.7	21.2	20.7				
9.2.....	36.8	35.4	34.1	32.8	31.7	30.7	29.7	28.7	27.9	27.0	26.3	25.5	24.9	24.2	23.6	23.0	22.4	21.9	21.4	20.9				
9.3.....	37.2	35.8	34.4	33.2	32.1	31.0	30.0	29.1	28.2	27.3	26.6	25.8	25.1	24.5	23.8	23.2	22.7	22.1	21.6	21.1				
9.4.....	37.6	36.2	34.8	33.6	32.4	31.3	30.3	29.4	28.5	27.6	26.8	26.1	25.4	24.8	24.1	23.5	22.9	22.3	21.8	21.4				
9.5.....	38.0	36.5	35.2	33.9	32.7	31.7	30.6	29.7	28.8	27.9	27.1	26.4	25.7	25.0	24.3	23.7	23.2	22.6	22.1	21.6				
9.6.....	38.4	36.9	35.5	34.3	33.1	32.0	31.0	30.0	29.1	28.2	27.4	26.7	25.9	25.3	24.6	24.0	23.4	22.8	22.3	21.8				
9.7.....	38.8	37.3	35.9	34.6	33.4	32.3	31.3	30.3	29.4	28.5	27.7	26.9	26.2	25.5	24.9	24.2	23.6	23.1	22.5	22.0				
9.8.....	39.2	37.7	36.3	35.0	33.8	32.7	31.6	30.6	29.7	28.8	28.0	27.2	26.5	25.8	25.1	24.5	23.9	23.3	22.8	22.3				
9.9.....	39.6	38.1	36.7	35.3	34.1	33.0	31.9	30.9	30.0	29.1	28.3	27.5	26.7	26.0	25.4	24.7	24.1	23.6	23.0	22.5				
10.0.....	40.0	38.5	37.0	35.7	34.5	33.3	32.2	31.2	30.3	29.4	28.6	27.8	27.0	26.3	25.6	25.0	24.4	23.8	23.2	22.7				

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																								
	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65				
5.1	11.3	11.1	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.3	9.1	8.9	8.8	8.6	8.5	8.4	8.2	8.1	8.0	7.8				
5.2	11.5	11.3	11.1	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.3	9.1	9.0	8.8	8.7	8.5	8.4	8.2	8.1	8.0				
5.3	11.8	11.5	11.3	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.5	9.3	9.1	9.0	8.8	8.7	8.5	8.4	8.3	8.1				
5.4	12.0	11.7	11.5	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.5	9.3	9.1	9.0	8.8	8.7	8.6	8.4	8.3				
5.5	12.2	11.9	11.7	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.6	8.5				
5.6	12.4	12.2	11.9	11.7	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.6				
5.7	12.7	12.4	12.1	11.9	11.6	11.4	11.2	11.0	10.7	10.5	10.4	10.2	10.0	9.8	9.7	9.5	9.3	9.2	9.0	8.9	8.8				
5.8	12.9	12.6	12.3	12.1	11.8	11.6	11.4	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8	9.7	9.5	9.3	9.2	9.1	8.9				
5.9	13.1	12.8	12.5	12.3	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8	9.7	9.5	9.4	9.2	9.1				
6.0	13.3	13.0	12.8	12.5	12.2	12.0	11.8	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8	9.7	9.5	9.4	9.2				
6.1	13.5	13.3	13.0	12.7	12.4	12.2	12.0	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8	9.7	9.5	9.4				
6.2	13.8	13.5	13.2	12.9	12.6	12.4	12.2	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8	9.7	9.5				
6.3	14.0	13.7	13.4	13.1	12.8	12.6	12.3	12.1	11.9	11.7	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.2	10.0	9.8	9.7				
6.4	14.2	13.9	13.6	13.3	13.1	12.8	12.5	12.3	12.1	11.8	11.6	11.4	11.2	11.0	10.8	10.7	10.5	10.3	10.1	10.0	9.8				
6.5	14.4	14.1	13.8	13.5	13.3	13.0	12.7	12.5	12.3	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.5	10.3	10.1	10.0				
6.6	14.7	14.3	14.0	13.7	13.5	13.2	12.9	12.7	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.5	10.3	10.1				
6.7	14.9	14.6	14.2	13.9	13.7	13.4	13.1	12.9	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.2	11.0	10.8	10.6	10.5	10.3				
6.8	15.1	14.8	14.5	14.2	13.9	13.6	13.3	13.1	12.8	12.6	12.4	12.1	11.9	11.7	11.5	11.3	11.1	11.0	10.8	10.6	10.5				
6.9	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.3	13.0	12.8	12.5	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.8	10.6				
7.0	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.5	13.2	13.0	12.7	12.5	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.8				
7.1	15.8	15.4	15.1	14.8	14.5	14.2	13.9	13.6	13.4	13.1	12.9	12.7	12.4	12.2	12.0	11.8	11.6	11.4	11.3	11.1	10.9				
7.2	16.0	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.6	13.3	13.1	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.1				
7.3	16.2	15.9	15.5	15.2	14.9	14.6	14.3	14.0	13.8	13.5	13.3	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2				
7.4	16.4	16.1	15.7	15.4	15.1	14.8	14.5	14.2	14.0	13.7	13.4	13.2	13.0	12.7	12.5	12.3	12.1	11.9	11.7	11.6	11.4				
7.5	16.7	16.3	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.9	13.6	13.4	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.7	11.5				
7.6	16.9	16.5	16.2	15.8	15.5	15.2	14.9	14.6	14.3	14.1	13.8	13.6	13.3	13.1	12.9	12.7	12.4	12.2	12.1	11.9	11.7				
7.7	17.1	16.7	16.4	16.0	15.7	15.4	15.1	14.8	14.5	14.2	14.0	13.7	13.5	13.3	13.0	12.8	12.6	12.4	12.2	12.0	11.8				
7.8	17.3	16.9	16.6	16.2	15.9	15.6	15.3	15.0	14.7	14.4	14.2	13.9	13.7	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0				
7.9	17.5	17.2	16.8	16.4	16.1	15.8	15.5	15.2	14.9	14.6	14.4	14.1	13.8	13.6	13.4	13.2	12.9	12.7	12.5	12.3	12.1				
8.0	17.8	17.4	17.0	16.7	16.3	16.0	15.7	15.4	15.1	14.8	14.5	14.3	14.0	13.8	13.5	13.3	13.1	12.9	12.7	12.5	12.3				
8.1	18.0	17.6	17.2	16.9	16.5	16.2	15.9	15.6	15.3	15.0	14.7	14.5	14.2	14.0	13.7	13.5	13.3	13.1	12.8	12.6	12.5				
8.2	18.2	17.8	17.4	17.1	16.7	16.4	16.1	15.8	15.5	15.2	14.9	14.6	14.4	14.1	13.9	13.7	13.4	13.2	13.0	12.8	12.6				
8.3	18.4	18.0	17.6	17.3	16.9	16.6	16.3	16.0	15.7	15.4	15.1	14.8	14.6	14.3	14.1	13.8	13.6	13.4	13.2	13.0	12.8				
8.4	18.7	18.3	17.9	17.5	17.1	16.8	16.5	16.1	15.8	15.5	15.3	15.0	14.7	14.5	14.2	14.0	13.8	13.5	13.3	13.1	12.9				
8.5	18.9	18.5	18.1	17.7	17.3	17.0	16.7	16.3	16.0	15.7	15.4	15.2	14.9	14.6	14.4	14.2	13.9	13.7	13.5	13.3	13.1				
8.6	19.1	18.7	18.3	17.9	17.5	17.2	16.9	16.5	16.2	15.9	15.6	15.3	15.1	14.8	14.6	14.3	14.1	13.9	13.6	13.4	13.2				
8.7	19.3	18.9	18.5	18.1	17.7	17.4	17.0	16.7	16.4	16.1	15.8	15.5	15.3	15.0	14.7	14.5	14.3	14.0	13.8	13.6	13.4				
8.8	19.5	19.1	18.7	18.3	17.9	17.6	17.2	16.9	16.6	16.3	16.0	15.7	15.4	15.2	14.9	14.7	14.4	14.2	14.0	13.7	13.5				
8.9	19.8	19.3	18.9	18.5	18.2	17.8	17.4	17.1	16.8	16.5	16.2	15.9	15.6	15.3	15.1	14.8	14.6	14.3	14.1	13.9	13.7				
9.0	20.0	19.6	19.1	18.7	18.4	18.0	17.6	17.3	17.0	16.7	16.4	16.1	15.8	15.5	15.2	15.0	14.7	14.5	14.3	14.1	13.8				
9.1	20.2	19.8	19.4	18.9	18.6	18.2	17.8	17.5	17.2	16.8	16.5	16.2	16.0	15.7	15.4	15.2	14.9	14.7	14.4	14.2	14.0				
9.2	20.4	20.0	19.6	19.2	18.8	18.4	18.0	17.7	17.3	17.0	16.7	16.4	16.1	15.9	15.6	15.3	15.1	14.8	14.6	14.4	14.1				
9.3	20.7	20.2	19.8	19.4	19.0	18.6	18.2	17.9	17.5	17.2	16.9	16.6	16.3	16.0	15.8	15.5	15.2	15.0	14.8	14.5	14.3				
9.4	20.9	20.4	20.0	19.6	19.2	18.8	18.4	18.1	17.7	17.4	17.1	16.8	16.5	16.2	15.9	15.7	15.4	15.2	14.9	14.7	14.5				
9.5	21.1	20.6	20.2	19.8	19.4	19.0	18.6	18.3	17.9	17.6	17.3	17.0	16.7	16.4	16.1	15.8	15.6	15.3	15.1	14.8	14.6				
9.6	21.3	20.9	20.4	20.0	19.6	19.2	18.8	18.5	18.1	17.8	17.4	17.1	16.8	16.5	16.3	16.0	15.7	15.5	15.2	15.0	14.8				
9.7	21.5	21.1	20.6	20.2	19.8	19.4	19.0	18.6	18.3	18.0	17.6	17.3	17.0	16.7	16.4	16.2	15.9	15.6	15.4	15.1	14.9				
9.8	21.8	21.3	20.8	20.4	20.0	19.6	19.2	18.8	18.5	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.1	15.8	15.5	15.3	15.1				
9.9	22.0	21.5	21.1	20.6	20.2	19.8	19.4	19.0	18.7	18.3	18.0	17.7	17.4	17.1	16.8	16.5	16.2	16.0	15.7	15.5	15.2				
10.0	22.2	21.7	21.3	20.8	20.4	20.0	19.6	19.2	18.9	18.5	18.2	17.8	17.5	17.2	16.9	16.7	16.4	16.1	15.9	15.6	15.3				

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																			
	25	28	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
10.1	10.4	38.8	37.4	36.1	34.8	33.7	32.6	31.6	30.6	29.7	28.8	28.0	27.3	26.6	25.9	25.2	24.6	24.0	23.5	22.9
10.2	40.8	39.2	37.8	36.4	35.2	34.0	32.9	31.9	30.9	30.0	29.1	28.3	27.6	26.8	26.1	25.5	24.9	24.3	23.7	23.2
10.3	41.2	39.6	38.1	36.8	35.5	34.3	33.2	32.2	31.2	30.3	29.4	28.6	27.8	27.1	26.4	25.7	25.1	24.5	23.9	23.4
10.4	11.6	40.0	38.5	37.1	35.9	34.7	33.5	32.5	31.5	30.6	29.7	28.9	28.1	27.4	26.7	26.0	25.4	24.8	24.2	23.6
10.5	42.0	40.4	38.9	37.5	36.2	35.0	33.9	32.8	31.8	30.9	30.0	29.2	28.4	27.6	26.9	26.2	25.6	25.0	24.4	23.9
10.6	42.4	40.8	39.2	37.8	36.5	35.3	34.2	33.1	32.1	31.2	30.3	29.4	28.6	27.9	27.2	26.5	25.8	25.2	24.6	24.1
10.7	42.8	41.1	39.6	38.2	36.9	35.7	34.5	33.4	32.4	31.5	30.6	29.7	28.9	28.1	27.4	26.7	26.1	25.5	24.9	24.3
10.8	43.2	41.5	40.0	38.6	37.2	36.0	34.8	33.7	32.7	31.8	30.8	30.0	29.2	28.4	27.7	27.0	26.3	25.7	25.1	24.5
10.9	43.6	41.9	40.4	38.9	37.6	36.3	35.2	34.1	33.0	32.0	31.1	30.3	29.4	28.7	27.9	27.2	26.6	25.9	25.3	24.8
11.0	44.0	42.3	40.7	39.3	37.9	36.7	35.5	34.4	33.3	32.3	31.4	30.5	29.7	28.9	28.2	27.5	26.8	26.2	25.6	25.0
11.1	44.4	42.7	41.1	39.6	38.3	37.0	35.8	34.7	33.6	32.6	31.7	30.8	30.0	29.2	28.5	27.7	27.1	26.4	25.8	25.2
11.2	44.8	43.1	41.5	40.0	38.6	37.3	36.1	35.0	33.9	32.9	32.0	31.1	30.3	29.5	28.7	28.0	27.3	26.7	26.0	25.4
11.3	45.2	43.5	41.8	40.3	39.0	37.7	36.4	35.3	34.2	33.2	32.3	31.4	30.5	29.7	29.0	28.2	27.6	26.9	26.3	25.7
11.4	45.6	43.8	42.2	40.7	39.3	38.0	36.8	35.6	34.5	33.5	32.6	31.7	30.8	30.0	29.2	28.5	27.8	27.1	26.5	25.9
11.5	46.0	44.2	42.6	41.1	39.6	38.3	37.1	35.9	34.8	33.8	32.8	31.9	31.1	30.3	29.5	28.7	28.0	27.4	26.7	26.1
11.6	46.4	44.6	43.0	41.4	40.0	38.7	37.4	36.2	35.1	34.1	33.1	32.2	31.3	30.5	29.7	29.0	28.3	27.6	27.0	26.4
11.7	46.8	45.0	43.3	41.8	40.3	39.0	37.7	36.6	35.4	34.4	33.4	32.5	31.6	30.8	30.0	29.2	28.5	27.8	27.2	26.6
11.8	47.2	45.4	43.7	42.1	40.7	39.3	38.1	36.9	35.7	34.7	33.7	32.8	31.9	31.0	30.2	29.5	28.8	28.1	27.4	26.8
11.9	47.6	45.8	44.1	42.5	41.0	39.7	38.4	37.2	36.1	35.0	34.0	33.0	32.2	31.3	30.5	29.7	29.0	28.3	27.7	27.0
12.0	48.0	46.1	44.4	42.8	41.4	40.0	38.7	37.5	36.4	35.3	34.3	33.3	32.4	31.6	30.8	30.0	29.3	28.6	27.9	27.3
12.1	48.4	46.5	44.8	43.2	41.7	40.3	39.0	37.8	36.7	35.6	34.6	33.6	32.7	31.8	31.0	30.2	29.5	28.8	28.1	27.5
12.2	48.8	46.9	45.2	43.6	42.1	40.7	39.3	38.1	37.0	35.9	34.8	33.9	33.0	32.1	31.3	30.5	29.7	29.0	28.4	27.7
12.3	49.2	47.3	45.5	43.9	42.4	41.0	39.7	38.4	37.3	36.2	35.1	34.2	33.2	32.4	31.5	30.7	30.0	29.3	28.6	27.9
12.4	49.6	47.7	45.9	44.3	42.7	41.3	40.0	38.7	37.6	36.5	35.4	34.4	33.5	32.6	31.8	31.0	30.2	29.5	28.8	28.2
12.5	50.0	48.1	46.3	44.6	43.1	41.7	40.3	39.1	37.9	36.8	35.7	34.7	33.8	32.9	32.0	31.2	30.5	29.8	29.1	28.4
12.6	50.4	48.5	46.7	45.0	43.4	42.0	40.6	39.4	38.2	37.0	36.0	35.0	34.0	33.1	32.3	31.5	30.7	30.0	29.3	28.6
12.7	50.8	48.8	47.0	45.3	43.8	42.3	41.0	39.7	38.5	37.3	36.3	35.3	34.3	33.4	32.6	31.7	31.0	30.2	29.5	28.9
12.8	51.2	49.2	47.4	45.7	44.1	42.7	41.3	40.0	38.8	37.6	36.6	35.5	34.6	33.7	32.8	32.0	31.2	30.5	29.8	29.1
12.9	51.6	49.6	47.8	46.1	44.5	43.0	41.6	40.3	39.1	37.9	36.8	35.8	34.9	33.9	33.0	32.2	31.5	30.7	30.0	29.3
13.0	52.0	50.0	48.1	46.4	44.8	43.3	41.9	40.6	39.4	38.2	37.1	36.1	35.1	34.2	33.3	32.5	31.7	30.9	30.2	29.5
13.1	52.4	50.4	48.5	46.8	45.2	43.7	42.2	40.9	39.7	38.5	37.4	36.4	35.4	34.5	33.6	32.7	31.9	31.2	30.5	29.8
13.2	52.8	50.8	48.9	47.1	45.5	44.0	42.6	41.2	40.0	38.8	37.7	36.7	35.7	34.7	33.8	33.0	32.2	31.4	30.7	30.0
13.3	53.2	51.1	49.2	47.5	45.9	44.3	42.9	41.6	40.3	39.1	38.0	36.9	35.9	35.0	34.1	33.2	32.4	31.7	30.9	30.2
13.4	53.6	51.5	49.6	47.8	46.2	44.7	43.2	41.9	40.6	39.4	38.3	37.2	36.2	35.2	34.3	33.5	32.7	31.9	31.2	30.4
13.5	54.0	51.9	50.0	48.2	46.5	45.0	43.5	42.2	40.9	39.7	38.6	37.5	36.5	35.5	34.6	33.7	32.9	32.1	31.4	30.7
13.6	54.4	52.3	50.4	48.6	46.9	45.3	43.9	42.5	41.2	40.0	38.9	37.8	36.7	35.8	34.9	34.0	33.2	32.4	31.6	30.9
13.7	54.8	52.7	50.7	48.9	47.2	45.7	44.2	42.8	41.5	40.3	39.1	38.0	37.0	36.0	35.1	34.2	33.4	32.6	31.9	31.1
13.8	55.2	53.1	51.1	49.3	47.6	46.0	44.5	43.1	41.8	40.6	39.4	38.3	37.3	36.3	35.3	34.4	33.5	32.7	31.9	31.4
13.9	55.6	53.5	51.5	49.6	47.9	46.3	44.8	43.4	42.1	40.9	39.7	38.6	37.6	36.6	35.6	34.7	33.9	33.1	32.3	31.6
14.0	56.0	53.8	51.8	50.0	48.3	46.7	45.2	43.7	42.4	41.2	40.0	38.9	37.8	36.8	35.9	35.0	34.1	33.3	32.5	31.8
14.1	56.4	54.2	52.2	50.3	48.6	47.0	45.5	44.1	42.7	41.5	40.3	39.2	38.1	37.1	36.1	35.2	34.4	33.6	32.8	32.0
14.2	56.8	54.6	52.6	50.7	49.0	47.3	45.8	44.4	43.0	41.8	40.6	39.4	38.4	37.4	36.4	35.5	34.6	33.8	33.0	32.3
14.3	57.2	55.0	53.0	51.1	49.3	47.6	46.1	44.7	43.3	42.0	40.8	39.7	38.6	37.6	36.6	35.7	34.9	34.0	33.2	32.5
14.4	57.6	55.4	53.3	51.4	49.6	47.8	46.3	44.9	43.5	42.2	41.0	40.0	38.9	37.9	36.9	36.0	35.1	34.3	33.5	32.7
14.5	58.0	55.8	53.7	51.8	50.0	48.3	46.8	45.3	43.9	42.6	41.4	40.3	39.2	38.1	37.2	36.2	35.4	34.5	33.7	32.9
14.6	58.4	56.1	54.1	52.1	50.3	48.7	47.1	45.6	44.2	42.9	41.7	40.5	39.4	38.4	37.4	36.5	35.6	34.8	33.9	33.2
14.7	58.8	56.5	54.4	52.5	50.7	49.0	47.4	45.9	44.5	43.2	42.0	40.8	39.7	38.7	37.7	36.7	35.8	35.0	34.2	33.4
14.8	59.2	56.9	54.8	52.8	51.0	49.3	47.7	46.2	44.8	43.5	42.3	41.1	40.0	38.9	37.9	37.0	36.1	35.2	34.4	33.6
14.9	59.6	57.3	55.2	53.2	51.4	49.7	48.1	46.6	45.1	43.8	42.6	41.4	40.3	39.2	38.2	37.2	36.3	35.5	34.6	33.9
15.0	60.0	57.7	55.5	53.6	51.7	50.0	48.4	46.9	45.4	44.1	42.8	41.6	40.5	39.5	38.5	37.5	36.6	35.7	34.9	34.1

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)														
	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
10.1	22.4	21.9	21.5	21.0	20.6	20.2	19.8	19.4	19.0	18.7	18.4	18.0	17.7	17.4	17.1
10.2	22.7	22.2	21.7	21.2	20.8	20.4	20.0	19.6	19.2	18.9	18.5	18.2	17.9	17.6	17.3
10.3	22.9	22.4	21.9	21.4	21.0	20.6	20.2	19.8	19.4	19.1	18.7	18.4	18.1	17.7	17.4
10.4	23.1	22.6	22.1	21.7	21.2	20.8	20.4	20.0	19.6	19.2	18.9	18.6	18.2	17.9	17.6
10.5	23.3	22.8	22.3	21.9	21.4	21.0	20.6	20.2	19.8	19.4	19.1	18.7	18.4	18.1	17.8
10.6	23.5	23.0	22.5	22.1	21.6	21.2	20.8	20.4	20.0	19.6	19.3	18.9	18.6	18.3	18.0
10.7	23.8	23.3	22.8	22.3	21.8	21.4	21.0	20.6	20.2	19.8	19.4	19.1	18.8	18.4	18.1
10.8	24.0	23.5	23.0	22.5	22.0	21.6	21.2	20.8	20.4	20.0	19.6	19.3	18.9	18.6	18.3
10.9	24.2	23.7	23.2	22.7	22.2	21.8	21.4	21.0	20.6	20.2	19.8	19.5	19.1	18.8	18.5
11.0	24.4	23.9	23.4	22.9	22.4	22.0	21.6	21.1	20.7	20.4	20.0	19.6	19.3	19.0	18.6
11.1	24.7	24.1	23.6	23.1	22.6	22.2	21.8	21.3	20.9	20.5	20.2	19.8	19.5	19.1	18.8
11.2	24.9	24.3	23.8	23.3	22.8	22.4	22.0	21.5	21.1	20.7	20.4	20.0	19.6	19.3	19.0
11.3	25.1	24.6	24.0	23.5	23.1	22.6	22.2	21.7	21.3	20.9	20.5	20.2	19.8	19.5	19.1
11.4	25.3	24.8	24.2	23.7	23.3	22.8	22.3	21.9	21.5	21.1	20.7	20.3	20.0	19.6	19.3
11.5	25.5	25.0	24.5	23.9	23.5	23.0	22.5	22.1	21.7	21.3	20.9	20.5	20.2	19.8	19.5
11.6	25.8	25.2	24.7	24.2	23.7	23.3	22.7	22.3	21.9	21.5	21.1	20.7	20.3	20.0	19.7
11.7	26.0	25.4	24.9	24.4	23.9	23.4	22.9	22.5	22.1	21.7	21.3	20.9	20.5	20.2	19.8
11.8	26.2	25.6	25.1	24.6	24.1	23.6	23.1	22.7	22.3	21.8	21.4	21.0	20.7	20.3	20.0
11.9	26.4	25.9	25.3	24.8	24.3	23.8	23.3	22.9	22.4	22.0	21.6	21.2	20.9	20.5	20.2
12.0	26.7	26.1	25.5	25.0	24.5	24.0	23.5	23.1	22.6	22.2	21.8	21.4	21.0	20.7	20.3
12.1	26.9	26.3	25.7	25.2	24.7	24.2	23.7	23.3	22.8	22.4	22.0	21.6	21.2	20.9	20.5
12.2	27.1	26.5	25.9	25.4	24.9	24.4	23.9	23.5	23.0	22.6	22.2	21.8	21.4	21.0	20.7
12.3	27.3	26.7	26.2	25.6	25.1	24.6	24.1	23.6	23.2	22.8	22.4	22.0	21.6	21.2	20.8
12.4	27.5	26.9	26.4	25.8	25.3	24.8	24.3	23.8	23.4	23.0	22.5	22.1	21.7	21.4	21.0
12.5	27.8	27.2	26.6	26.0	25.5	25.0	24.5	24.0	23.6	23.1	22.7	22.3	21.9	21.5	21.2
12.6	28.0	27.4	26.8	26.2	25.7	25.2	24.7	24.2	23.8	23.3	22.9	22.5	22.1	21.7	21.3
12.7	28.2	27.6	27.0	26.4	25.9	25.4	24.9	24.4	24.0	23.5	23.1	22.7	22.3	21.9	21.5
12.8	28.4	27.8	27.2	26.6	26.1	25.6	25.1	24.6	24.1	23.7	23.3	22.8	22.4	22.0	21.7
12.9	28.7	28.0	27.4	26.9	26.3	25.8	25.3	24.8	24.3	23.9	23.4	23.0	22.6	22.2	21.9
13.0	28.9	28.3	27.6	27.1	26.5	26.0	25.5	25.0	24.5	24.1	23.6	23.2	22.8	22.4	22.0
13.1	29.1	28.5	27.9	27.3	26.7	26.2	25.7	25.2	24.7	24.2	23.8	23.4	23.0	22.6	22.2
13.2	29.3	28.7	28.1	27.5	26.9	26.4	25.9	25.4	24.9	24.4	24.0	23.6	23.1	22.7	22.3
13.3	29.5	28.9	28.3	27.7	27.1	26.6	26.1	25.6	25.1	24.6	24.2	23.7	23.3	22.9	22.5
13.4	29.8	29.1	28.5	27.9	27.3	26.8	26.3	25.8	25.3	24.8	24.4	23.9	23.5	23.1	22.7
13.5	30.0	29.3	28.7	28.1	27.5	27.0	26.5	26.0	25.5	25.0	24.5	24.1	23.7	23.3	22.9
13.6	30.2	29.6	28.9	28.3	27.7	27.2	26.7	26.1	25.7	25.2	24.7	24.3	23.8	23.4	22.9
13.7	30.4	29.8	29.1	28.5	27.9	27.4	26.9	26.3	25.8	25.4	24.9	24.5	24.0	23.6	23.2
13.8	30.7	30.0	29.4	28.7	28.2	27.6	27.0	26.5	26.0	25.5	25.1	24.6	24.2	23.8	23.4
13.9	30.9	30.2	29.6	28.9	28.4	27.8	27.2	26.7	26.2	25.7	25.3	24.8	24.4	24.0	23.5
14.0	31.1	30.4	29.8	29.2	28.6	28.0	27.4	26.9	26.4	25.9	25.4	25.0	24.6	24.1	23.7
14.1	31.3	30.6	30.0	29.4	28.8	28.2	27.6	27.1	26.6	26.1	25.6	25.2	24.7	24.3	23.9
14.2	31.5	30.9	30.2	29.6	29.0	28.4	27.8	27.3	26.8	26.3	25.8	25.4	24.9	24.5	24.1
14.3	31.8	31.1	30.4	29.8	29.2	28.6	28.0	27.5	27.0	26.5	26.0	25.5	25.1	24.6	24.2
14.4	32.0	31.3	30.6	30.0	29.4	28.8	28.2	27.7	27.2	26.7	26.2	25.7	25.3	24.8	24.4
14.5	32.2	31.5	30.8	30.2	29.6	29.0	28.4	27.9	27.3	26.8	26.3	25.8	25.4	24.9	24.5
14.6	32.4	31.7	31.0	30.4	29.8	29.2	28.6	28.1	27.5	27.0	26.5	26.0	25.5	25.1	24.7
14.7	32.7	31.9	31.3	30.6	30.0	29.4	28.8	28.3	27.7	27.2	26.7	26.2	25.8	25.3	24.9
14.8	32.9	32.2	31.5	30.8	30.2	29.6	29.0	28.5	27.9	27.4	26.9	26.4	26.0	25.5	25.1
14.9	33.1	32.4	31.7	31.0	30.4	29.8	29.2	28.6	28.1	27.6	27.1	26.6	26.1	25.7	25.2
15.0	33.3	32.6	31.9	31.2	30.6	30.0	29.4	28.8	28.3	27.8	27.3	26.8	26.3	25.9	25.4

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																			
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
15.1	60.4	58.1	55.9	53.9	52.1	50.3	48.7	47.2	45.7	44.4	43.1	41.9	40.8	39.7	38.7	37.7	36.8	35.9	35.1	34.3
15.2	60.8	58.5	56.3	54.3	52.4	50.7	49.0	47.5	46.1	44.7	43.4	42.2	41.1	40.0	39.0	38.0	37.1	36.2	35.3	34.5
15.3	61.2	58.8	56.7	54.6	52.7	51.0	49.3	47.8	46.4	45.0	43.7	42.5	41.3	40.3	39.2	38.2	37.3	36.4	35.6	34.8
15.4	61.6	59.2	57.0	55.0	53.1	51.3	49.7	48.1	46.7	45.3	44.0	42.8	41.6	40.5	39.5	38.5	37.6	36.7	35.8	35.0
15.5	62.0	59.6	57.4	55.3	53.4	51.7	50.0	48.4	47.0	45.6	44.3	43.0	41.9	40.8	39.7	38.7	37.8	36.9	36.0	35.2
15.6	62.4	60.0	57.8	55.7	53.8	52.0	50.3	48.7	47.3	45.9	44.6	43.3	42.2	41.0	40.0	39.0	38.0	37.1	36.3	35.4
15.7	62.8	60.4	58.1	56.1	54.1	52.3	50.6	49.1	47.6	46.2	44.8	43.6	42.4	41.3	40.2	39.2	38.3	37.4	36.5	35.7
15.8	63.2	60.8	58.5	56.4	54.5	52.7	51.0	49.4	47.9	46.5	45.1	43.9	42.7	41.6	40.5	39.5	38.5	37.6	36.7	35.9
15.9	63.6	61.1	58.9	56.8	54.8	53.0	51.3	49.7	48.2	46.8	45.4	44.2	43.0	41.8	40.8	39.7	38.8	37.8	37.0	36.1
16.0	64.0	61.5	59.2	57.1	55.2	53.3	51.6	50.0	48.5	47.0	45.7	44.4	43.2	42.1	41.0	40.0	39.0	38.1	37.2	36.4
16.1	64.4	61.9	59.6	57.5	55.5	53.7	51.9	50.3	48.8	47.3	46.0	44.7	43.5	42.4	41.3	40.2	39.3	38.3	37.4	36.6
16.2	64.8	62.3	60.0	57.8	55.9	54.0	52.2	50.6	49.1	47.6	46.3	45.0	43.8	42.6	41.5	40.5	39.5	38.6	37.7	36.8
16.3	65.2	62.7	60.4	58.2	56.2	54.3	52.6	50.9	49.4	47.9	46.6	45.3	44.0	42.9	41.8	40.7	39.7	38.8	37.9	37.0
16.4	65.6	63.1	60.7	58.6	56.5	54.7	52.9	51.2	49.7	48.2	46.8	45.5	44.3	43.1	42.0	41.0	40.0	39.0	38.1	37.3
16.5	66.0	63.5	61.1	58.9	56.9	55.0	53.2	51.6	50.0	48.5	47.1	45.8	44.6	43.4	42.3	41.2	40.2	39.3	38.4	37.5
16.6	66.4	63.8	61.5	59.3	57.2	55.3	53.5	51.9	50.3	48.8	47.4	46.1	44.9	43.7	42.6	41.5	40.5	39.5	38.6	37.7
16.7	66.8	64.2	61.8	59.6	57.6	55.7	53.9	52.2	50.6	49.1	47.7	46.4	45.1	43.9	42.8	41.7	40.7	39.8	38.8	37.9
16.8	67.2	64.6	62.2	60.0	57.9	56.0	54.2	52.5	50.9	49.4	48.0	46.7	45.4	44.2	43.1	42.0	41.0	40.0	39.1	38.2
16.9	67.6	65.0	62.6	60.3	58.3	56.3	54.5	52.8	51.2	49.7	48.3	46.9	45.7	44.5	43.3	42.2	41.2	40.2	39.3	38.4
17.0	68.0	65.4	63.0	60.7	58.6	56.7	54.8	53.1	51.5	50.0	48.6	47.2	45.9	44.7	43.6	42.5	41.5	40.5	39.5	38.6
17.1	68.4	65.8	63.3	61.1	59.0	57.0	55.2	53.4	51.8	50.3	48.8	47.5	46.2	45.0	43.8	42.7	41.7	40.7	39.8	38.9
17.2	68.8	66.1	63.7	61.4	59.3	57.3	55.5	53.7	52.1	50.6	49.1	47.8	46.5	45.3	44.1	43.0	41.9	40.9	40.0	39.1
17.3	69.2	66.5	64.1	61.8	59.6	57.7	55.8	54.1	52.4	50.9	49.4	48.0	46.7	45.5	44.3	43.2	42.2	41.2	40.2	39.3
17.4	69.6	66.9	64.4	62.1	60.0	58.0	56.1	54.4	52.7	51.2	49.7	48.3	47.0	45.8	44.6	43.5	42.4	41.4	40.5	39.5
17.5	70.0	67.3	64.8	62.5	60.3	58.3	56.4	54.7	53.0	51.5	50.0	48.6	47.3	46.0	44.9	43.7	42.7	41.7	40.7	39.8
17.6	70.4	67.7	65.2	62.8	60.7	58.7	56.8	55.0	53.3	51.8	50.3	48.9	47.6	46.3	45.1	44.0	42.9	41.9	40.9	40.0
17.7	70.8	68.1	65.5	63.2	61.0	59.0	57.1	55.3	53.6	52.0	50.6	49.2	47.8	46.6	45.4	44.2	43.2	42.2	41.2	40.2
17.8	71.2	68.5	65.9	63.6	61.4	59.3	57.4	55.6	53.9	52.3	50.8	49.4	48.1	46.8	45.6	44.4	43.4	42.4	41.4	40.4
17.9	71.6	68.8	66.3	63.9	61.7	59.7	57.7	55.9	54.2	52.6	51.1	49.7	48.4	47.1	45.9	44.7	43.6	42.6	41.6	40.7
18.0	72.0	69.2	66.7	64.3	62.1	60.0	58.1	56.2	54.5	52.9	51.4	50.0	48.6	47.4	46.1	45.0	43.9	42.8	41.8	40.9
18.1	72.4	69.6	67.0	64.6	62.4	60.3	58.4	56.5	54.8	53.2	51.7	50.3	48.9	47.6	46.4	45.2	44.1	43.1	42.1	41.1
18.2	72.8	70.0	67.4	65.0	62.7	60.7	58.7	56.9	55.1	53.5	52.0	50.5	49.2	47.9	46.7	45.5	44.4	43.3	42.3	41.4
18.3	73.2	70.4	67.8	65.3	63.1	61.0	59.0	57.2	55.4	53.8	52.3	50.8	49.4	48.1	46.9	45.7	44.6	43.6	42.5	41.6
18.4	73.6	70.8	68.1	65.7	63.4	61.3	59.3	57.5	55.7	54.1	52.6	51.1	49.7	48.4	47.2	46.0	44.9	43.8	42.8	41.8
18.5	74.0	71.1	68.5	66.1	63.8	61.7	59.7	57.8	56.1	54.4	52.8	51.4	50.0	48.7	47.4	46.2	45.1	44.0	43.0	42.0
18.6	74.4	71.5	68.9	66.4	64.1	62.0	60.0	58.1	56.4	54.7	53.1	51.7	50.3	48.9	47.7	46.5	45.4	44.3	43.2	42.3
18.7	74.8	71.9	69.2	66.8	64.5	62.3	60.3	58.4	56.7	55.0	53.4	51.9	50.5	49.2	47.9	46.7	45.6	44.5	43.5	42.5
18.8	75.2	72.3	69.6	67.1	64.8	62.7	60.6	58.7	57.0	55.3	53.7	52.2	50.8	49.5	48.2	47.0	45.8	44.8	43.7	42.7
18.9	75.6	72.7	70.0	67.5	65.2	63.0	61.0	59.1	57.3	55.6	54.0	52.5	51.1	49.7	48.4	47.2	46.1	45.0	43.9	42.9
19.0	76.0	73.1	70.4	67.8	65.5	63.3	61.3	59.4	57.6	55.9	54.3	52.8	51.3	50.0	48.7	47.5	46.3	45.2	44.2	43.2
19.1	76.4	73.5	70.7	68.2	65.9	63.7	61.6	59.7	57.9	56.2	54.6	53.0	51.6	50.3	49.0	47.7	46.6	45.5	44.4	43.4
19.2	76.8	73.8	71.1	68.6	66.2	64.0	61.9	60.0	58.2	56.5	54.8	53.3	51.9	50.5	49.2	48.0	46.8	45.7	44.6	43.6
19.3	77.2	74.2	71.5	68.9	66.5	64.3	62.2	60.3	58.5	56.8	55.1	53.6	52.2	50.8	49.5	48.2	47.1	45.9	44.9	43.9
19.4	77.6	74.6	71.8	69.3	66.9	64.7	62.6	60.6	58.8	57.0	55.4	53.8	52.4	51.0	49.7	48.4	47.3	46.2	45.1	44.1
19.5	78.0	75.0	72.2	69.6	67.2	65.0	62.9	60.9	59.1	57.3	55.7	54.2	52.7	51.3	50.0	48.7	47.6	46.4	45.3	44.3
19.6	78.4	75.4	72.6	70.0	67.6	65.3	63.2	61.2	59.4	57.6	56.0	54.4	53.0	51.6	50.2	48.9	47.8	46.7	45.6	44.5
19.7	78.8	75.8	73.0	70.3	67.9	65.7	63.5	61.6	59.7	57.9	56.3	54.7	53.2	51.8	50.5	49.2	48.0	46.9	45.8	44.8
19.8	79.2	76.1	73.3	70.7	68.3	66.0	63.9	61.9	60.0	58.2	56.6	55.0	53.5	52.1	50.8	49.5	48.3	47.1	46.0	45.0
19.9	79.6	76.5	73.7	71.1	68.7	66.3	64.2	62.2	60.3	58.5	56.8	55.2	53.7	52.3	51.0	49.7	48.5	47.4	46.3	45.2
20.0	80.0	76.9	74.1	71.4	69.0	66.7	64.5	62.5	60.6	58.8	57.1	55.5	54.0	52.6	51.3	50.0	48.8	47.6	46.5	45.4

TABLE 1.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
15.1	33.5	32.8	32.1	31.4	30.8	30.2	29.6	29.0	28.5	28.0	27.4	27.0	26.5	26.0	25.6	25.2	24.7	24.3	24.0	23.6	23.2
15.2	33.8	33.0	32.3	31.7	31.0	30.4	29.8	29.2	28.7	28.1	27.6	27.1	26.7	26.2	25.8	25.3	24.9	24.5	24.1	23.7	23.4
15.3	34.0	33.3	32.5	31.9	31.2	30.6	30.0	29.4	28.9	28.3	27.8	27.3	26.8	26.4	25.9	25.5	25.1	24.7	24.3	23.9	23.5
15.4	34.2	33.5	32.8	32.1	31.4	30.8	30.2	29.6	29.0	28.5	28.0	27.5	27.0	26.5	26.1	25.7	25.2	24.8	24.4	24.1	23.7
15.5	34.4	33.7	33.0	32.3	31.6	31.0	30.4	29.8	29.2	28.7	28.2	27.7	27.2	26.7	26.3	25.8	25.4	25.0	24.6	24.2	23.8
15.6	34.7	33.9	33.2	32.5	31.8	31.2	30.6	30.0	29.4	28.9	28.4	27.8	27.4	26.9	26.4	26.0	25.6	25.2	24.8	24.4	24.0
15.7	34.9	34.1	33.4	32.7	32.0	31.4	30.8	30.2	29.6	29.1	28.5	28.0	27.5	27.1	26.6	26.2	25.7	25.3	24.9	24.5	24.1
15.8	35.1	34.3	33.6	32.9	32.2	31.6	31.0	30.4	29.8	29.2	28.7	28.2	27.7	27.2	26.8	26.3	25.9	25.5	25.1	24.7	24.3
15.9	35.3	34.6	33.8	33.1	32.4	31.8	31.2	30.6	30.0	29.4	28.9	28.4	27.9	27.4	26.9	26.5	26.1	25.6	25.2	24.8	24.5
16.0	35.5	34.8	34.0	33.3	32.6	32.0	31.4	30.8	30.2	29.6	29.1	28.6	28.1	27.6	27.1	26.7	26.2	25.8	25.4	25.0	24.6
16.1	35.8	35.0	34.2	33.5	32.8	32.2	31.6	31.0	30.4	29.8	29.3	28.7	28.2	27.7	27.3	26.8	26.4	26.0	25.5	25.1	24.8
16.2	36.0	35.2	34.5	33.7	33.1	32.4	31.8	31.1	30.6	30.0	29.4	28.9	28.4	27.9	27.4	27.0	26.5	26.1	25.7	25.3	24.9
16.3	36.2	35.4	34.7	33.9	33.3	32.6	32.0	31.3	30.7	30.2	29.6	29.1	28.6	28.1	27.6	27.2	26.7	26.3	25.9	25.5	25.1
16.4	36.4	35.6	34.9	34.2	33.5	32.8	32.1	31.5	30.9	30.4	29.8	29.3	28.8	28.3	27.8	27.3	26.9	26.4	26.0	25.6	25.2
16.5	36.7	35.9	35.1	34.4	33.7	33.0	32.3	31.7	31.1	30.5	30.0	29.5	28.9	28.4	28.0	27.5	27.0	26.6	26.2	25.8	25.4
16.6	36.9	36.1	35.3	34.6	33.9	33.2	32.5	31.9	31.3	30.7	30.2	29.6	29.1	28.6	28.1	27.7	27.2	26.8	26.3	25.9	25.5
16.7	37.1	36.3	35.5	34.8	34.1	33.4	32.7	32.1	31.5	30.9	30.4	29.8	29.3	28.8	28.3	27.8	27.4	26.9	26.5	26.1	25.7
16.8	37.3	36.5	35.7	35.0	34.3	33.6	32.9	32.3	31.7	31.1	30.5	30.0	29.5	29.0	28.5	28.0	27.5	27.1	26.7	26.3	25.9
16.9	37.5	36.7	35.9	35.2	34.5	33.8	33.1	32.5	31.9	31.3	30.7	30.2	29.6	29.1	28.6	28.2	27.7	27.2	26.8	26.4	26.0
17.0	37.8	36.9	36.2	35.4	34.7	34.0	33.3	32.7	32.1	31.5	30.9	30.3	29.8	29.3	28.8	28.3	27.9	27.4	27.0	26.6	26.1
17.1	38.0	37.2	36.4	35.6	34.9	34.2	33.5	32.9	32.3	31.7	31.1	30.5	30.0	29.5	29.0	28.5	28.0	27.6	27.1	26.7	26.3
17.2	38.2	37.4	36.6	35.8	35.1	34.4	33.7	33.1	32.4	31.8	31.3	30.7	30.2	29.6	29.1	28.6	28.2	27.7	27.3	26.9	26.5
17.3	38.4	37.6	36.8	36.0	35.3	34.6	33.9	33.3	32.6	32.0	31.4	30.9	30.3	29.8	29.3	28.8	28.4	27.9	27.5	27.0	26.6
17.4	38.7	37.8	37.0	36.2	35.5	34.8	34.1	33.5	32.8	32.2	31.6	31.1	30.5	30.0	29.5	29.0	28.5	28.1	27.6	27.2	26.8
17.5	38.9	38.0	37.2	36.4	35.7	35.0	34.3	33.6	33.0	32.4	31.8	31.2	30.7	30.2	29.7	29.2	28.7	28.2	27.8	27.3	26.9
17.6	39.1	38.3	37.4	36.7	36.0	35.3	34.6	33.9	33.2	32.6	32.0	31.4	30.9	30.3	29.8	29.3	28.8	28.4	27.9	27.5	27.1
17.7	39.3	38.5	37.6	36.9	36.1	35.4	34.7	34.0	33.4	32.8	32.2	31.6	31.0	30.5	30.0	29.5	29.0	28.5	28.1	27.6	27.2
17.8	39.5	38.7	37.9	37.1	36.3	35.6	34.9	34.2	33.6	33.0	32.4	31.8	31.2	30.7	30.2	29.7	29.2	28.7	28.3	27.8	27.4
17.9	39.8	38.9	38.1	37.3	36.5	35.8	35.1	34.4	33.8	33.1	32.5	32.0	31.4	30.9	30.3	29.8	29.3	28.9	28.4	28.0	27.5
18.0	40.0	39.1	38.3	37.5	36.7	36.0	35.3	34.6	34.0	33.3	32.7	32.1	31.6	31.0	30.5	30.0	29.5	29.0	28.6	28.1	27.7
18.1	40.2	39.3	38.5	37.7	36.9	36.2	35.5	34.8	34.1	33.5	32.9	32.3	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.3	27.8
18.2	40.4	39.6	38.7	37.9	37.1	36.4	35.7	35.0	34.3	33.7	33.1	32.5	31.9	31.4	30.8	30.3	29.8	29.3	28.9	28.4	28.0
18.3	40.7	39.8	38.9	38.1	37.3	36.6	35.9	35.2	34.5	33.9	33.3	32.7	32.1	31.5	31.0	30.5	30.0	29.5	29.0	28.6	28.1
18.4	40.9	40.0	39.1	38.3	37.5	36.8	36.1	35.4	34.7	34.1	33.4	32.8	32.3	31.7	31.2	30.7	30.2	29.7	29.2	28.7	28.3
18.5	41.1	40.2	39.4	38.5	37.7	37.0	36.3	35.6	34.9	34.2	33.6	33.0	32.4	31.9	31.3	30.8	30.3	29.8	29.4	28.9	28.5
18.6	41.3	40.4	39.6	38.7	37.9	37.2	36.5	35.8	35.1	34.4	33.8	33.2	32.6	32.1	31.5	31.0	30.5	30.0	29.5	29.1	28.6
18.7	41.5	40.6	39.8	38.9	38.2	37.4	36.7	36.0	35.3	34.6	34.0	33.4	32.8	32.2	31.7	31.2	30.6	30.2	29.7	29.2	28.8
18.8	41.8	40.9	40.0	39.2	38.4	37.6	36.9	36.1	35.5	34.8	34.2	33.6	33.0	32.4	31.9	31.3	30.8	30.3	29.8	29.4	28.9
18.9	42.0	41.1	40.2	39.4	38.6	37.8	37.0	36.3	35.7	35.0	34.4	33.7	33.1	32.6	32.0	31.5	31.0	30.5	30.0	29.5	29.1
19.0	42.2	41.3	40.4	39.6	38.8	38.0	37.2	36.5	35.8	35.2	34.5	33.9	33.3	32.7	32.2	31.7	31.1	30.6	30.1	29.7	29.2
19.1	42.4	41.5	40.6	39.8	39.0	38.2	37.4	36.7	36.0	35.4	34.7	34.1	33.5	32.9	32.4	31.8	31.3	30.8	30.3	29.8	29.4
19.2	42.7	41.7	40.8	40.0	39.2	38.4	37.6	36.9	36.2	35.5	34.9	34.3	33.7	33.1	32.5	32.0	31.5	31.0	30.5	30.0	29.6
19.3	42.9	41.9	41.1	40.2	39.4	38.6	37.8	37.1	36.4	35.7	35.1	34.5	33.8	33.3	32.7	32.2	31.6	31.1	30.6	30.1	29.7
19.4	43.1	42.2	41.3	40.4	39.6	38.8	38.0	37.3	36.6	35.9	35.3	34.6	34.0	33.4	32.9	32.3	31.8	31.3	30.8	30.3	29.8
19.5	43.3	42.4	41.5	40.6	39.8	39.0	38.2	37.5	36.8	36.1	35.4	34.8	34.2	33.6	33.0	32.5	32.0	31.4	30.9	30.5	30.0
19.6	43.5	42.6	41.7	40.8	40.0	39.2	38.4	37.6	37.0	36.3	35.6	35.0	34.4	33.8	33.2	32.7	32.1	31.6	31.1	30.6	30.1
19.7	43.8	42.8	41.9	41.0	40.2	39.4	38.6	37.9	37.2	36.5	35.8	35.2	34.6	34.0	33.4	32.8	32.3	31.8	31.3	30.8	30.3
19.8	44.0	43.0	42.1	41.2	40.4	39.6	38.8	38.1	37.3	36.7	36.0	35.3	34.7	34.1	33.5	33.0	32.4	31.9	31.4	30.9	30.5
19.9	44.2	43.3	42.3	41.4	40.6	39.8	39.0	38.3	37.5	36.8	36.2	35.5	34.9	34.3	33.7	33.2	32.6	32.1	31.6	31.1	30.6
20.0	44.4	43.5	42.5	41.6	40.8	40.0	39.2	38.5	37.7	37.0	36.4	35.7	35.1	34.5	33.9	33.3	32.8	32.2	31.7	31.2	30.8

TABLE 2.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given*

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
0.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
0.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
0.7	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
0.8	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
0.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
1.0	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
1.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
1.2	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1.3	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1.4	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
1.6	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
1.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6
1.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
1.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
2.0	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
2.1	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
2.2	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8
2.3	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
2.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
2.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
2.8	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
3.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
3.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
3.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
3.3	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
3.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
3.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
3.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
3.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
4.0	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
4.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
4.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
4.3	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
4.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
4.5	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
4.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
4.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
4.8	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
4.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
5.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9

TABLE 2.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																					
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	
5.1-----	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
5.2-----	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
5.3-----	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	
5.4-----	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
5.5-----	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	
5.6-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	
5.7-----	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
5.8-----	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	
5.9-----	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
6.0-----	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	
6.1-----	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	
6.2-----	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
6.3-----	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	
6.4-----	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
6.5-----	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	
6.6-----	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	
6.7-----	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
6.8-----	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	
6.9-----	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	
7.0-----	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
7.1-----	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	
7.2-----	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
7.3-----	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	
7.4-----	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	
7.5-----	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	
7.6-----	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	
7.7-----	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
7.8-----	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	
7.9-----	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	
8.0-----	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	
8.1-----	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	
8.2-----	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	
8.3-----	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	
8.4-----	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	
8.5-----	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
8.6-----	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	
8.7-----	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	
8.8-----	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	
8.9-----	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	
9.0-----	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
9.1-----	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	
9.2-----	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	
9.3-----	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	
9.4-----	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	
9.5-----	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	
9.6-----	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	
9.7-----	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	
9.8-----	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
9.9-----	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	
10.0-----	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8	

TABLE 2.—Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued

Weight of separation (grams)	Weight of sample analyzed (grams)																					
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	
10.1	4.2	4.2	4.2		4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	
10.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	
10.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
10.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	
10.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	
10.6	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	
10.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	
10.8	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	
10.9	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	
11.0	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	
11.1	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	
11.2	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	
11.3	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	
11.4	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	
11.5	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	
11.6	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	
11.7	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	
11.8	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	
11.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	
12.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	
12.1	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.6	
12.2	5.1	5.1	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	
12.3	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	
12.4	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	
12.5	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	
12.6	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	
12.7	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	
12.8	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	4.9	4.9	
12.9	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	
13.0	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	
13.1	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.0	
13.2	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	
13.3	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	
13.4	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	
13.5	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	
13.6	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	
13.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	
13.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	
13.9	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	
14.0	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	
14.1	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	
14.2	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	
14.3	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	
14.4	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	
14.5	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	
14.6	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	
14.7	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	
14.8	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	
14.9	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	
15.0	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	

TABLE 2.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																					
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	
15.1	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	
15.2	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	
15.3	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	
15.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	
15.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.0	
15.6	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	
15.7	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.0	
15.8	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	
15.9	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.1	6.1	
16.0	6.7	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	
16.1	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	
16.2	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	
16.3	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	
16.4	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	
16.5	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	
16.6	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.4	
16.7	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	
16.8	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5	
16.9	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.5	6.5	
17.0	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	
17.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.6	
17.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	
17.3	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6	
17.4	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	
17.5	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7	
17.6	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.8	
17.7	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	
17.8	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.8	
17.9	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	
18.0	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	
18.1	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0	
18.2	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	
18.3	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	
18.4	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.1	
18.5	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	
18.6	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	
18.7	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	
18.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	
18.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.3	
19.0	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.3	7.3	
19.1	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	
19.2	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.4	
19.3	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	
19.4	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.5	
19.5	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	
19.6	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	
19.7	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	
19.8	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	
19.9	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	
20.0	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	

TABLE 2.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
20.1	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7
20.2	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.8
20.3	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8
20.4	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8
20.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9
20.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9	7.9
20.7	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.0
20.8	8.7	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.0	8.0
20.9	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0
21.0	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.1
21.1	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1
21.2	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.2	8.1
21.3	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2
21.4	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3	8.3	8.3	8.3	8.2
21.5	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3
21.6	9.0	9.0	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3
21.7	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.4	8.3
21.8	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4
21.9	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.4
22.0	9.2	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.5
22.1	9.2	9.2	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.5
22.2	9.2	9.2	9.2	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5
22.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.6
22.4	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.6
22.5	9.4	9.3	9.3	9.2	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.7	8.6
22.6	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.7
22.7	9.4	9.4	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7
22.8	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8
22.9	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.9	8.8	8.8
23.0	9.6	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.9	8.8
23.1	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9
23.2	9.7	9.6	9.6	9.5	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.0	8.9	8.9
23.3	9.7	9.7	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0
23.4	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.0
23.5	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.1
23.6	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.4	9.3	9.3	9.2	9.2	9.2	9.1	9.1
23.7	9.9	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.2	9.2	9.2	9.1	9.1
23.8	9.9	9.9	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.1
23.9	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2
24.0	10.0	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.3	9.2
24.1	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.3
24.2	10.1	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.3	9.3
24.3	10.1	10.0	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.3
24.4	10.2	10.1	10.1	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4	9.4
24.5	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4
24.6	10.2	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.5
24.7	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.5	9.5
24.8	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.5
24.9	10.4	10.3	10.3	10.2	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.6
25.0	10.4	10.4	10.3	10.3	10.2	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6

TABLE 2.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
25.1	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6
25.2	10.5	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.7	9.7
25.3	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.8
25.4	10.6	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.8
25.5	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.8
25.6	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.8
25.7	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.4	10.3	10.2	10.2	10.1	10.1	10.1	10.0	10.0	10.0	9.9	9.9
25.8	10.7	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.1	10.1	10.0	10.0	10.0	9.9
25.9	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.1	10.1	10.0	10.0	10.0
26.0	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.1	10.0	10.0
26.1	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.1	10.0
26.2	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.1
26.3	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1
26.4	11.0	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1
26.5	11.0	11.0	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2	10.2
26.6	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.2
26.7	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.3
26.8	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.3
26.9	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3
27.0	11.2	11.2	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4
27.1	11.3	11.2	11.2	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.7	10.7	10.7	10.6	10.6	10.5	10.5	10.5	10.4
27.2	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9	10.8	10.8	10.7	10.7	10.7	10.6	10.6	10.5	10.5	10.5
27.3	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9	10.8	10.8	10.7	10.7	10.7	10.6	10.6	10.5	10.5
27.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9	10.8	10.8	10.7	10.7	10.7	10.6	10.6	10.5
27.5	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.6
27.6	11.5	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.6
27.7	11.5	11.5	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6
27.8	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7	10.7
27.9	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.7
28.0	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8
28.1	11.7	11.6	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.8
28.2	11.7	11.7	11.6	11.6	11.5	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9	10.8
28.3	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9
28.4	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9
28.5	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.0
28.6	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0	11.0
28.7	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0
28.8	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.6	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.2	11.2	11.1	11.1
28.9	12.1	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1
29.0	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.1
29.1	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.8	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.2	11.2
29.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.3	11.2
29.3	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.3	11.3	11.3	11.3
29.4	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3
29.5	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3
29.6	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.6	11.5	11.5	11.4	11.4
29.7	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.5	11.4
29.8	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5	11.5
29.9	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.5
30.0	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.5
30.1	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.7	11.6	11.6
30.2	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.7	11.6

TABLE 2.—*Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued*

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
30.3	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7	11.6
30.4	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.7
30.5	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7
30.6	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8
30.7	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8
30.8	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.9	11.8	11.8
30.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.4	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9
31.0	12.9	12.9	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	12.0	12.0	11.9
31.1	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	12.0
31.2	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0
31.3	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0
31.4	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1
31.5	13.1	13.1	13.0	13.0	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.1
31.6	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1
31.7	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2
31.8	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2
31.9	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.4	12.4	12.3	12.3
32.0	13.3	13.3	13.2	13.2	13.1	13.1	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3
32.1	13.4	13.3	13.3	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3
32.2	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.3
32.3	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4
32.4	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.5
32.5	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5
32.6	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.5
32.7	13.6	13.6	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6
32.8	13.7	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6
32.9	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6
33.0	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7
33.1	13.8	13.7	13.7	13.6	13.6	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7
33.2	13.8	13.8	13.7	13.7	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8
33.3	13.9	13.8	13.8	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8
33.4	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.8
33.5	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9
33.6	14.0	13.9	13.9	13.8	13.8	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9
33.7	14.0	14.0	13.9	13.9	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0
33.8	14.1	14.0	14.0	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0
33.9	14.1	14.1	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0
34.0	14.2	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0
34.1	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.3	13.3	13.2	13.2	13.1
34.2	14.2	14.2	14.1	14.1	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.3	13.3	13.2	13.2	13.1
34.3	14.3	14.2	14.2	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2
34.4	14.3	14.3	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.6	13.6	13.5	13.4	13.4	13.3	13.3	13.2	13.2
34.5	14.4	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3
34.6	14.4	14.3	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.3
34.7	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.3
34.8	14.5	14.4	14.4	14.3	14.3	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4
34.9	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4
35.0	14.6	14.5	14.5	14.4	14.3	14.3	14.2	14.2	14.1	14.0	14.0	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4
35.1	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5
35.2	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5
35.3	14.7	14.6	14.6	14.5	14.5	14.4	14.3	14.3	14.2	14.2	14.1	14.1	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6
35.4	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6

TABLE 2.—Equivalent percentage of a sample of grain, etc., when the weights of the sample analyzed and of the mechanical separation are given—Continued

Weight of separation (grams)	Weight of sample analyzed (grams)																				
	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
35.5	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.7	13.7	13.6
35.6	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4	14.3	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.8	13.8	13.7	13.7
35.7	14.9	14.8	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.9	13.9	13.8	13.8	13.7	13.7
35.8	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.3	14.2	14.1	14.1	14.0	13.9	13.9	13.8	13.8	13.8
35.9	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.1	14.0	13.9	13.9	13.8	13.8
36.0	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.1	14.1	14.0	13.9	13.9	13.8	13.8
36.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.3	41.2	14.1	14.1	14.0	14.0	13.9	13.9
36.2	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.1	14.0	14.0	13.9
36.3	15.1	15.1	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.6	14.5	14.5	14.4	14.3	14.3	14.2	14.2	14.1	14.1	14.0	14.0
36.4	15.2	15.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0	14.0
36.5	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.1	14.0
36.6	15.2	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.6	14.5	14.5	14.4	14.3	14.2	14.2	14.1	14.1	14.0
36.7	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.1
36.8	15.3	15.3	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.3	14.2	14.1
36.9	15.4	15.3	15.2	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4	14.3	14.3	14.2	14.2
37.0	15.4	15.3	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.2
37.1	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.3
37.2	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4	14.4	14.3
37.3	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.6	14.5	14.4	14.4	14.3
37.4	15.6	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.5	14.4	14.4
37.5	15.6	15.6	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.1	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.5	14.4
37.6	15.7	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.6	14.5	14.5
37.7	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.5
37.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5
37.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.7	14.7	14.6
38.0	15.8	15.8	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.8	14.7	14.7	14.6
38.1	15.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.6
38.2	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7
38.3	15.9	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.8	14.7
38.4	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.9	14.8	14.8
38.5	16.0	16.0	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.1	15.1	15.0	15.0	14.9	14.9	14.8
38.6	16.1	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.1	15.0	15.0	14.9	14.8
38.7	16.1	16.0	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.9
38.8	16.2	16.1	16.0	16.0	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	15.0	14.9
38.9	16.2	16.1	16.1	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.1	15.0	15.0
39.0	16.2	16.2	16.1	16.0	16.0	15.9	15.8	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1	15.0	15.0
39.1	16.3	16.2	16.1	16.1	16.0	15.9	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0
39.2	16.3	16.3	16.2	16.1	16.1	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.2	15.1	15.1
39.3	16.4	16.3	16.2	16.2	16.1	16.0	16.0	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.5	15.4	15.3	15.3	15.2	15.2	15.1
39.4	16.4	16.3	16.3	16.2	16.2	16.1	16.1	16.0	15.9	15.9	15.8	15.7	15.6	15.6	15.5	15.4	15.3	15.3	15.2	15.2	15.1
39.5	16.4	16.4	16.3	16.2	16.2	16.1	16.0	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.2
39.6	16.5	16.4	16.4	16.3	16.2	16.2	16.1	16.0	16.0	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.5	15.4	15.3	15.3	15.2
39.7	16.5	16.5	16.4	16.3	16.3	16.2	16.1	16.1	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.6	15.5	15.4	15.4	15.3	15.3
39.8	16.6	16.5	16.4	16.3	16.3	16.2	16.2	16.1	16.0	16.0	15.9	15.8	15.8	15.7	15.7	15.6	15.5	15.5	15.4	15.4	15.3
39.9	16.6	16.5	16.5	16.4	16.3	16.3	16.2	16.1	16.1	16.0	16.0	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.5	15.4	15.3
40.0	16.7	16.6	16.5	16.5	16.4	16.3	16.3	16.2	16.1	16.1	16.0	16.0	15.9	15.9	15.8	15.7	15.7	15.6	15.6	15.5	15.4

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